

Amendments To The Claims

Please replace all previously pending lists of claims with the following listing of claims.

Listing of Claims

1. (Original) A communication system for use in a wellbore, the system comprising a transmitter coupled to a wireline, and a receiver located remotely from the transmitter, wherein the wireline is capable of acting as an antenna for the transmitter.
2. (Original) An apparatus according to claim 1, wherein the wireline is a slickline.
3. (Previously Presented) An apparatus according to claim 1, wherein the transmitter is further associated with, provided on, or an integral part of a tool string.
4. (Original) An apparatus according to claim 3, wherein the downhole tool or tool string is suspended by the wireline.
5. (Previously Presented) An apparatus according to claim 3, wherein the transmitter transmits data collected or generated by the downhole tool or the like to the receiver.
6. (Previously Presented) An apparatus according to claim 1, wherein the receiver is located at, or near, the surface of the wellbore.
7. (Previously Presented) An apparatus according to claim 1, wherein the distance travelled by the downhole tool, the status of the downhole tool or other parameters of the downhole tool, can be transmitted to the receiver.
8. (Currently Amended) An apparatus Apparatus according to claim 1, wherein the wireline is electrically insulated.
9. (Currently Amended) An apparatus Apparatus according to claim 1, wherein the wireline is sheathed to facilitate electrical insulation.

10. (Original) A method of communication in a wellbore, comprising providing a transmitter coupled to a wireline, paying an end of the wireline and the transmitter into the wellbore, and providing a receiver located remotely from the transmitter, such that the wireline acts as an antenna for the transmitter.

11. (Withdrawn) A wireline for use in a wellbore, wherein the wireline is provided with an insulating coating.

12. (Withdrawn) A wireline according to claim 11, wherein the insulating coating is an outer coating of the wireline.

13. (Withdrawn) A slickline according to claim 11, wherein the coating comprises a stress/impact sensitive material.

14. (Withdrawn) A slickline according to claim 11, wherein the insulating coating comprises at least one enamel material.

15. (Withdrawn) A distance measurement apparatus for measuring the distance travelled by a wireline, the apparatus comprising at least one sensor coupled to the wireline wherein the sensor is capable of sensing known locations in a wellbore.

16. (Withdrawn) Apparatus according to claim 15, wherein the wireline is typically a slickline.

17. (Withdrawn) Apparatus according to claim 15, wherein the apparatus includes transmission means for transmitting data collected by the at least two sensors to a receiver located remotely from the apparatus.

18. (Withdrawn) Apparatus according to claim 17, wherein the wireline is capable of acting as an antenna for the transmission means.

19. (Withdrawn) Apparatus according to claim 17, wherein the sensors are coupled at or near a downhole tool whereby the distance travelled by the tool, and the location of the tool within the wellbore, can be calculated.

20. (Withdrawn) Apparatus according to claim 17, wherein the wireline is electrically insulated.

21. (Withdrawn) A method of measuring the distance travelled by a wireline, the method comprising the steps of coupling at least one sensor to the wireline, the at least one sensor being capable of sensing known locations in a wellbore; running the wireline into the wellbore; calculating the depth of the at least one sensor; generating a signal when the at least one sensor passes said known locations; using the signal to calculate a depth correction factor; and correcting the calculated depth using the depth correction factor.

22. (Original) A downhole tool comprising coupling means to allow the tool to be attached to a wireline, at least is one sensor capable of detecting known locations in a wellbore and generating a signal indicative thereof, and a transmission means capable of transmitting the signal.

23. (Currently Amended) A downhole tool according to claim 22 20, wherein the wireline acts as an antenna for the transmission means.

24. (Previously Presented) A downhole tool according to claim 22, wherein the coupling means comprises a rope-socket.

25. (Original) A downhole tool according to claim 24, wherein the rope-socket is provided with signal coupling means to couple the signal generated by the transmission means to the wireline.

26. (Currently Amended) A downhole tool according to claim 22 20, wherein the downhole tool is powered by a DC power supply.

27. (Withdrawn) A method of tracking a member in a wellbore, the method comprising providing a sensor on the member, inserting the member and sensor into the wellbore, obtaining information indicating the position of the sensor in the wellbore, and determining the distance travelled by said member from said sensor information.

28. (Withdrawn) Apparatus for indicating the configuration of a downhole tool or tool string, the apparatus comprising at least one sensor capable of sensing a change in the configuration of the downhole tool or tool string and generating a signal indicative thereof, and a transmission means electrically coupled to the at least one sensor for transmitting the signal to a receiver.
29. (Withdrawn) Apparatus according to claim 28, wherein the downhole tool is preferably suspended in a borehole using a wireline, and the wireline is capable of acting as an antenna for the transmission means.
30. (Withdrawn) Apparatus according to claim 28, wherein the transmitter facilitates the transmission of data collected by the sensors to the receiver.
31. (Withdrawn) Apparatus according to claim 28, wherein the transmission means comprises a transmitter.
32. (Withdrawn) Apparatus according to claim 28, wherein the receiver is located at, or near, the surface of the borehole.
33. (Withdrawn) Apparatus according to claim 26, wherein the apparatus is arranged whereby it can facilitate two-way communication between the downhole tool and the receiver.
34. (Withdrawn) Apparatus according to claim 28, wherein the sensors comprise electric or magnetic sensors which are coupled to the downhole tool wherein a discontinuity of the respective electric or magnetic connection triggers a signal by each sensor.
35. (Withdrawn) Apparatus according to claim 29, wherein the wireline is electrically insulated.